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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/815,753	04/02/2004	Jung-Min Song	P-0125.1	1560
34610	7590	05/16/2005	EXAMINER	
FLESHNER & KIM, LLP P.O. BOX 221200 CHANTILLY, VA 20153			DINH, KHANH Q	
			ART UNIT	PAPER NUMBER
			2151	

DATE MAILED: 05/16/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/815,753

Applicant(s)

SONG ET AL.

Examiner

Khanh Dinh

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 02 April 2004.
2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-9 is/are pending in the application.
4a) Of the above claim(s) _____ is/are withdrawn from consideration.
5) ☐ Claim(s) _____ is/are allowed.
6) ☒ Claim(s) 1-9 is/are rejected.
7) ☐ Claim(s) _____ is/are objected to.
8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☒ Certified copies of the priority documents have been received in Application No. 09/666,282.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 4/2/2004.
4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____

DETAILED ACTION

1. Claims 1-9 are presented for examination.

Priority

2. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

Claim Objections

3. Claims 7-9 are objected to because of the following informalities:

In page 17, claim 7 recites the limitations “the search item” in line 7, “the basis” on line 10, “the search object” on line 12.

In page 17, claim 8 recites the limitations “the multimedia stream” on line 18.

In page 18, claim 9 recites the limitations “the multimedia items” on line 15, “the search object” on line 17.

There is insufficient antecedent basis for these limitations in the claim.

In page 18, claim 9 recites the limitation “*can be*” on line 9, which has unclear/indefinite meaning. For example, the term “can be” would mean “can be” or “can not be”. For examination purpose, Examiner assumes “can be” to be “can be”.

Appropriate correction is required.

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

5. Claims 1-9 are rejected under 35 U.S.C. 102(e) as being anticipated by Reisman U.S. pat. No.6,611,862 (hereafter Reisman).

As to claim 1, Reisman discloses a multimedia user profile information structure stored in a computer medium for indexing and browsing a multimedia object (information products including media data) comprising:

incorporating ordering criteria information of a search item (searching for any information of interest of user including information products, see figs.1, 2, abstract, col.7 line 5 to col.8 line 60).

incorporating user preference information (product ID, user selections) on ordering criteria of the search item to be browsed in a user preferred arrangement (using a search engine

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to provide information product to user for viewing, see col.8 line 61 to col.10 line 33 and col.14 line 9 to col.15 line 22).

As to claim 2, Reisman discloses the user profile information structure comprising item categories that can be a search item ordering to get each search item ordered according to a user preferred arrangement (using information product, product-specific configurations, user-specific configurations to allow users to search, view and print transport objects) (see fig.3, col.11 lines 5-64, col.24 line 41 to col.25 line 44 and col.34 lines 11-64).

As to claim 3, Reisman discloses the user profile information structure further comprises item ordering criteria in order to determine ordering of the search items accordance for each item category (see figs.9, 11, col.11 line 27 to col.12 line 51 and col.39 line 33 to col.40 line 53).

As to claims 4 and 5, Reisman discloses criteria categories informing the categories of the search item ordering criteria and preference information determining a preference to the relevant criterion category (see col.25 line 46 to col.26 line 62 and col.39 line 33 to col.40 line 53).

As to claim 6, Reisman discloses representing the preference of the relevant item included in existing user profile and the search items are displayed in accordance with the preference (see col.14 line 27 to col.15 line 58 and col.39 line 33 to col.40 line 53).

As to claim 7, Reisman discloses a multimedia search and browsing method using multimedia user profile information structure for indexing and browsing a multimedia object (information products including media data) comprising:

identifying ordering criteria information of the search item and user preference information on the ordering criteria of the search item from the user profile (using product-specific configurations, user-specific configurations), displaying search item order of higher preference on the basis of the item ordering criteria according to the user preference (searching for any information of interest of user including information products, see figs. 1, 2, abstract, col. 7 line 5 to col. 8 line 60).

searching and browsing the search object indicated by the search items displayed according to the user preference (using a search engine to provide information product to user for viewing see figs. 1, 2, abstract, col. 50 line 16 to col. 51 line 52).

As to claim 8, Reisman discloses a search item preference information structure for searching and browsing a multimedia (information products including media data) comprising:

constructing a multimedia object by incorporating a search object which is the multimedia data stream, a search item which is criterion of indexing, connection information which connects each search item to the search object (searching for any information of interest of user including information products, see figs. 1, 2, abstract, col. 7 line 5 to col. 8 line 60).

ordering criteria information for indicating ordering criteria of each search item, ordering information according to each ordering criterion and constructing a user profile (using product-specific configurations, user-specific configurations) by incorporating item categories for

indicating items which can be criteria of the search and browsing (using a search engine to provide information product to user for viewing see figs.1, 2, abstract, col.49 line 18 to ocl.50 line 67.50 line 16 to col.51 line 52), and

a user preference value indicating preference to the ordering information of the multimedia object on each item category (using retriever tool, see col.51 lines 2-66).

As to claim 9, Reisman discloses a multimedia search and browsing method using a user profile information in indexing and browsing a multimedia object, comprising:

identifying a search item which is criterion of indexing and ordering criteria information for indicating ordering criteria of each search item from the multimedia object (searching for any information of interest of user including information products, see figs.1, 2, abstract, col.7 line 5 to col.8 line 60).

identifying item categories for indicating items which can be criteria of the search and browsing, and a user preference value indicating preference to the ordering information of the multimedia object on each item category from the user profile (using product-specific configurations, user-specific configurations) and selecting the ordering criteria information in order of higher preference value of the user profile on each search item (using a search engine to provide information product to user for viewing see figs.1, 2, abstract, col.49 line 18 to ocl.50 line 67.50 line 16 to col.51 line 52), and

displaying the multimedia items based on the user preference by using the ordering criteria information selected from the user profile and searching and browsing the search object

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indicated by the search items that the user preference is reflected (using retriever tool, see col.51 lines 2-66).

Other prior art cited

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

- a. Holtz et al, US pat. No.6,709,916.
- b. Guheen et al, US pat. No.6,721,713.

Conclusion

7. Claims 1-9 are *rejected*.

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Khanh Dinh whose telephone number is (571) 272-3936. The examiner can normally be reached on Monday through Friday from 8:00 A.m. to 5:00 P.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Zarni Maung, can be reached on (571) 272-3939. The fax phone number for this group is (703) 872-9306.

A shortened statutory period for reply is set to expire THREE months from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned (35 U. S C . Sect. 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(A).

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Khanh Dinh
Patent Examiner
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5/11/2005